

# CLIENT/SERVER ARCHITECTURE

110

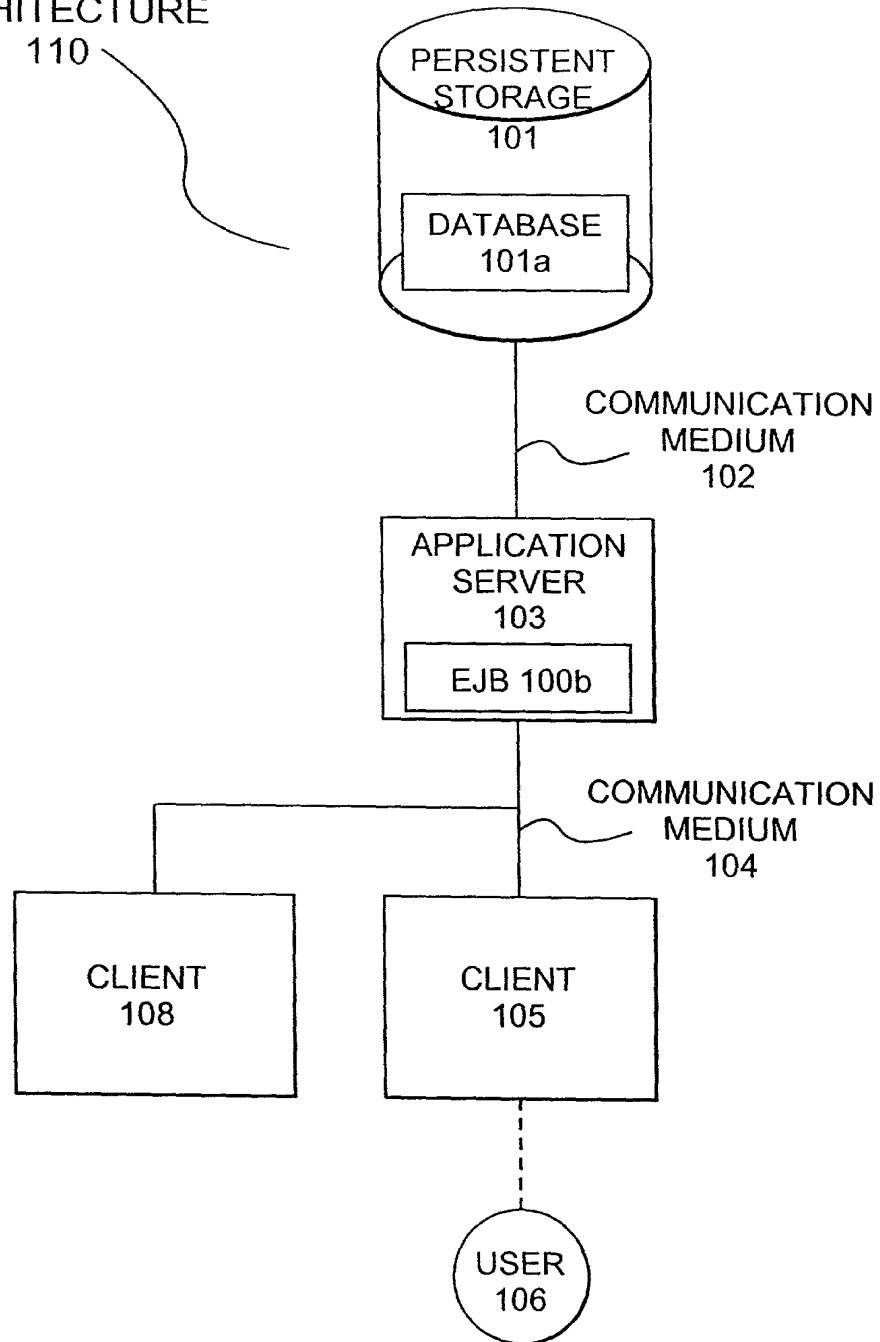
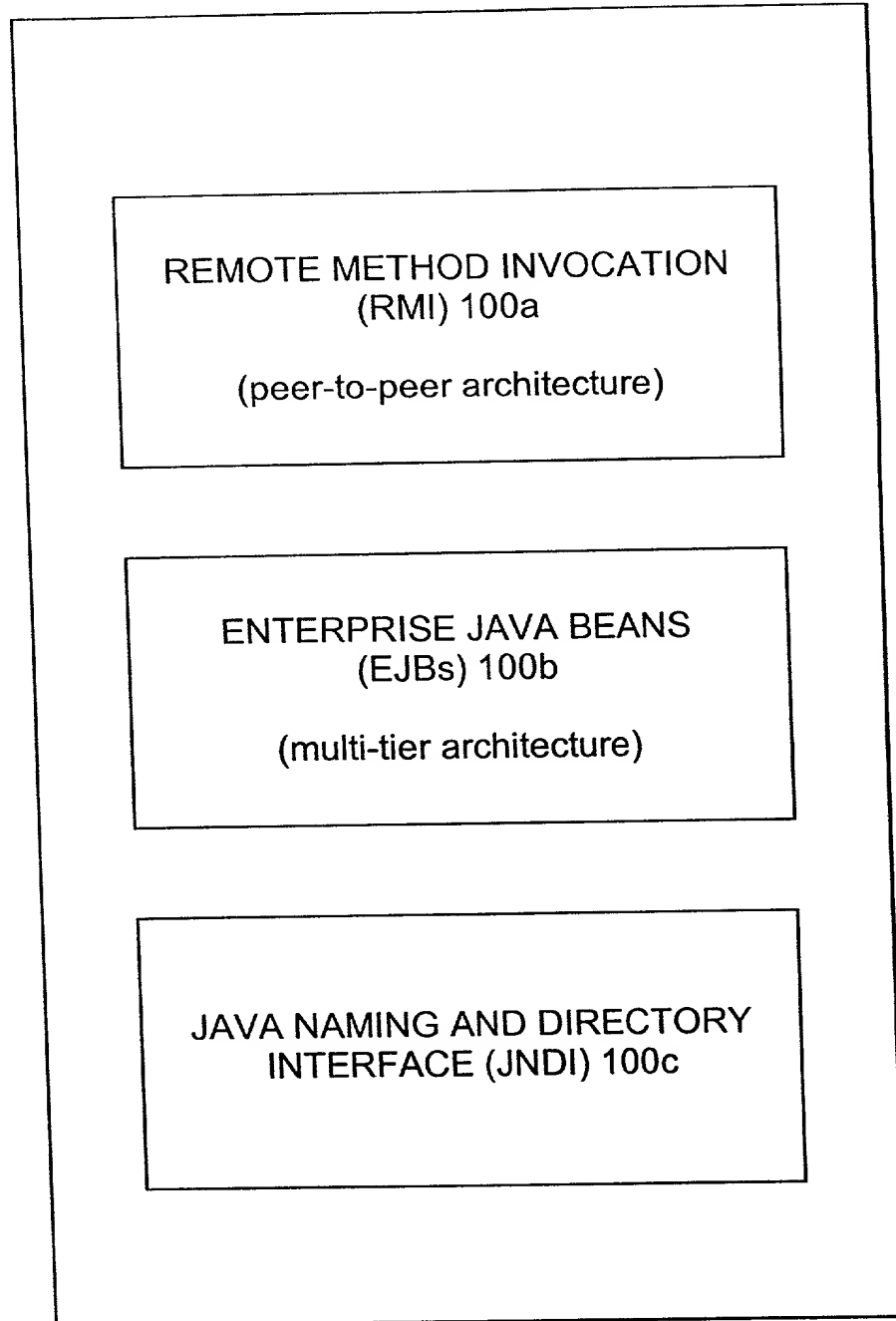


FIG. 1A

(PRIOR ART)

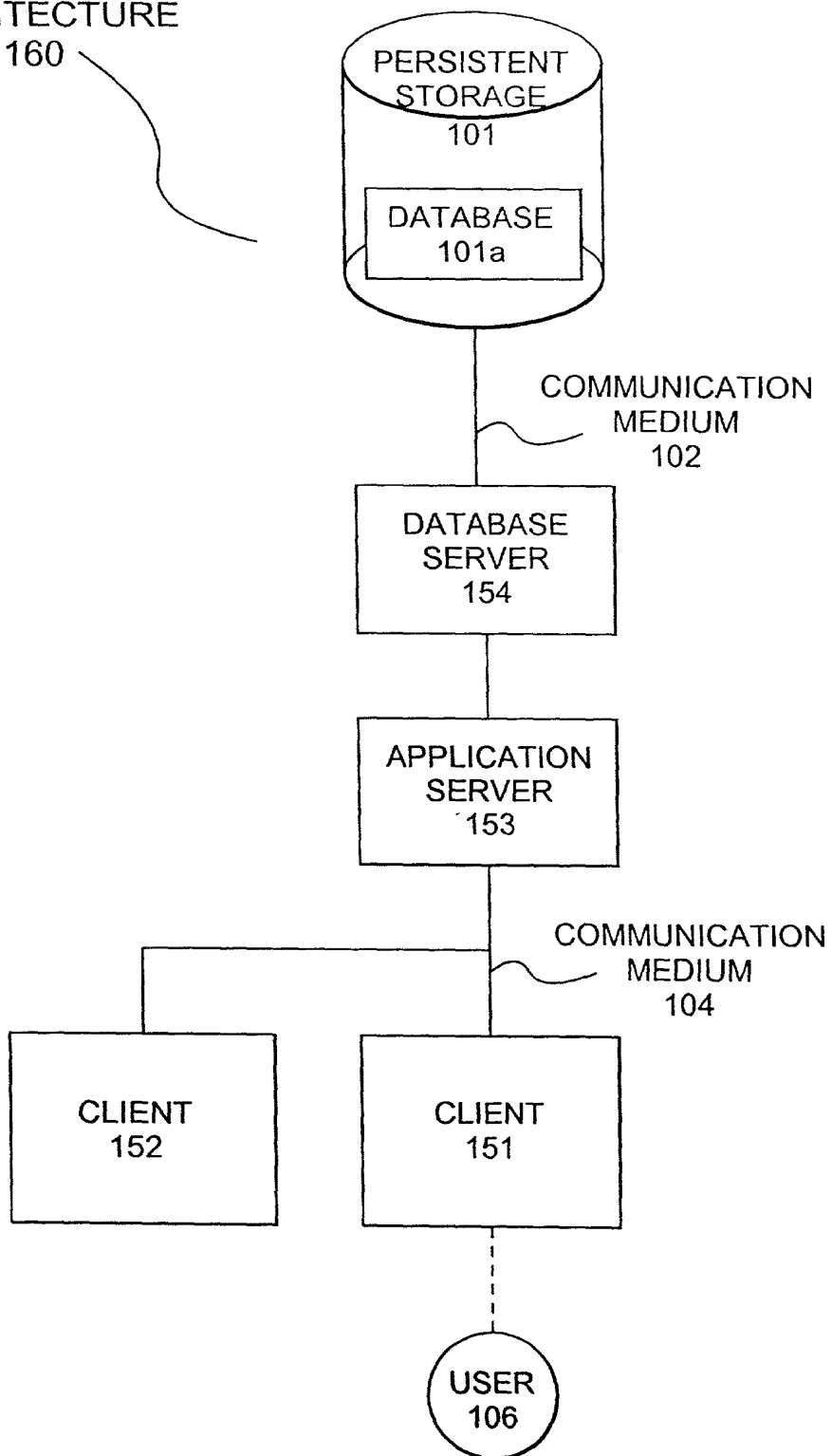
## JAVA ENTERPRISE APIs 100



**FIG. 1B**  
(PRIOR ART)

MULTI-TIER  
ARCHITECTURE

160



**FIG. 1C**  
(PRIOR ART)

# PEER-TO-PEER ARCHITECTURE 214

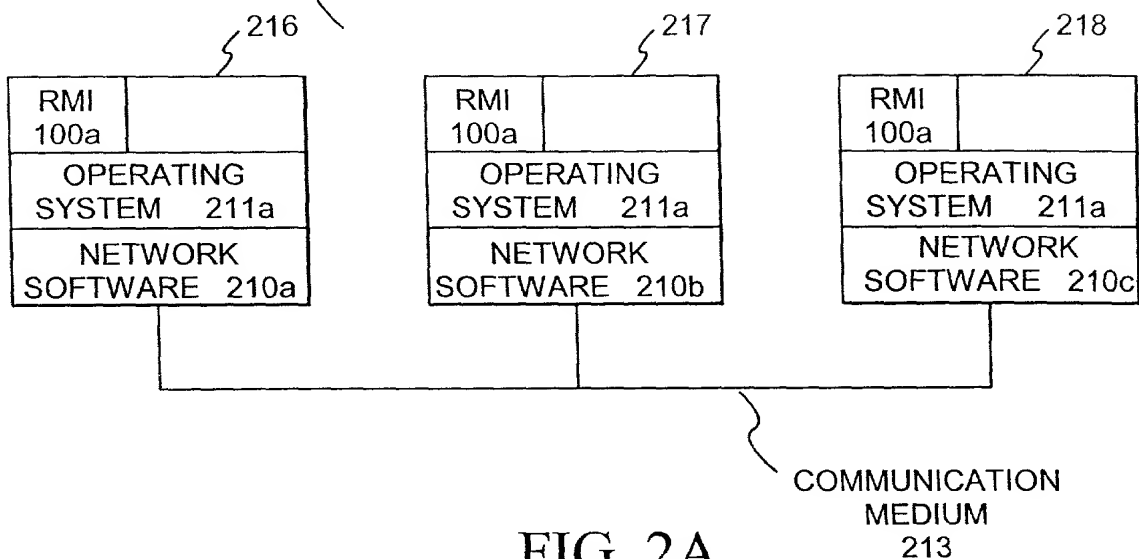


FIG. 2A  
(PRIOR ART)

# TRANSACTION PROCESSING (TP) ARCHITECTURE 220

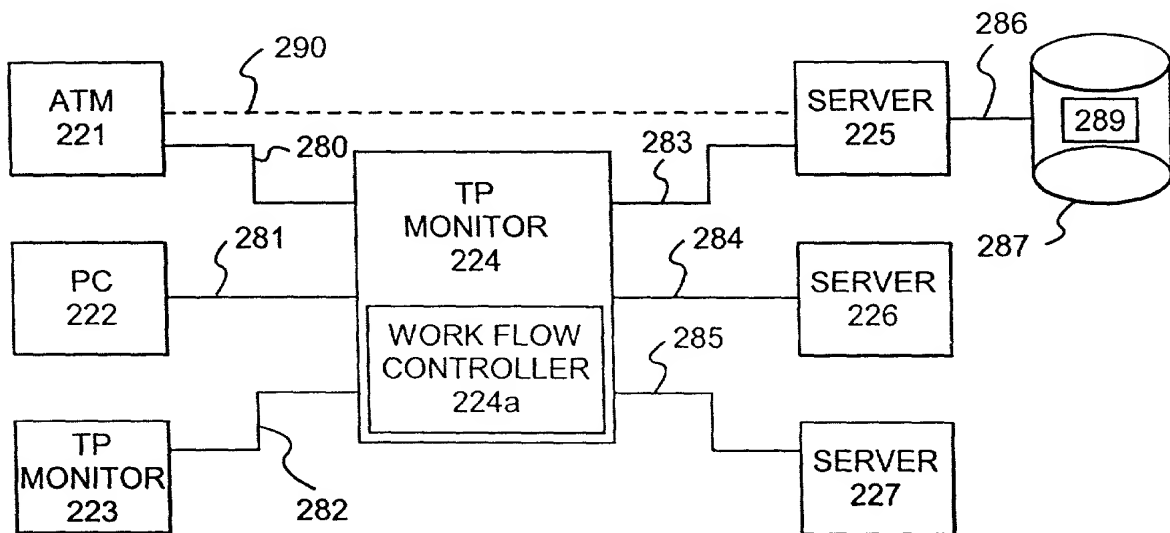


FIG. 2B  
(PRIOR ART)

380

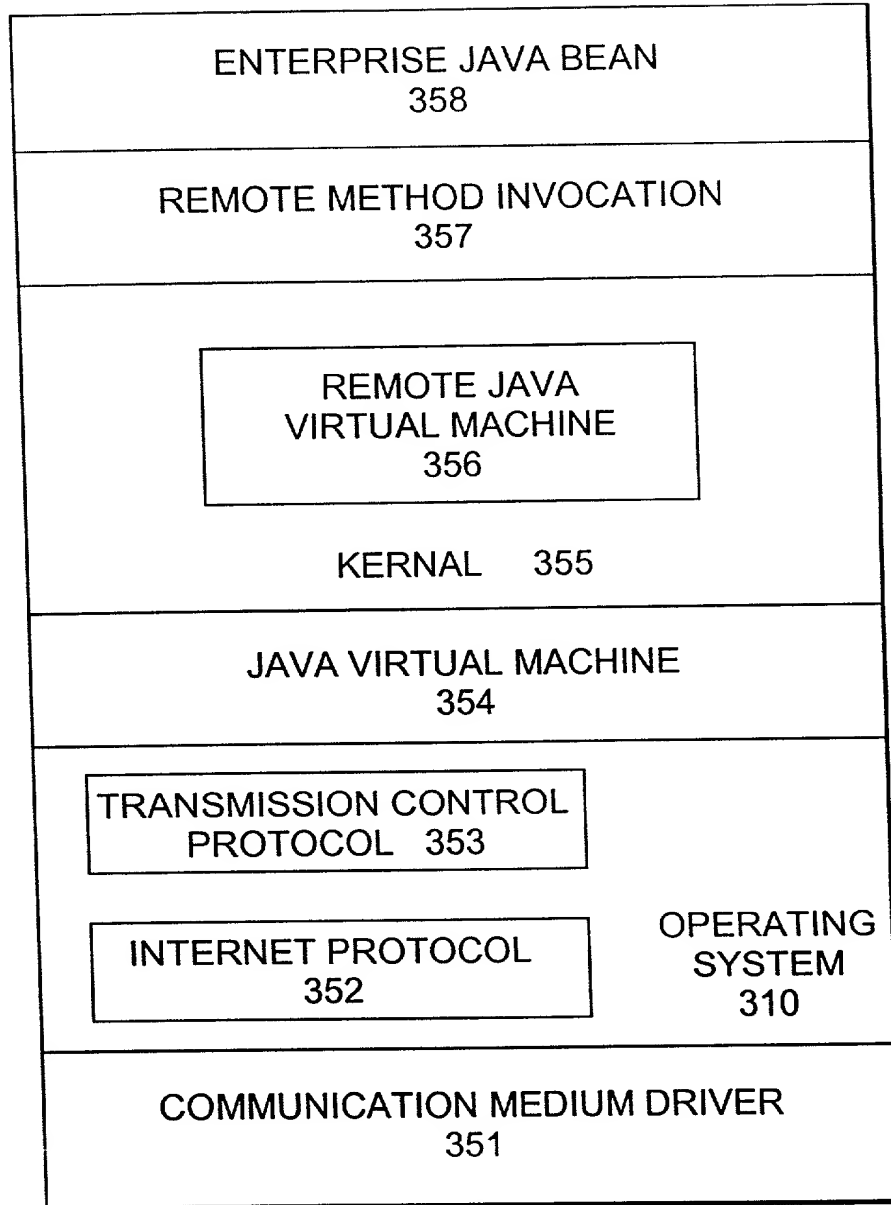


FIG. 3A

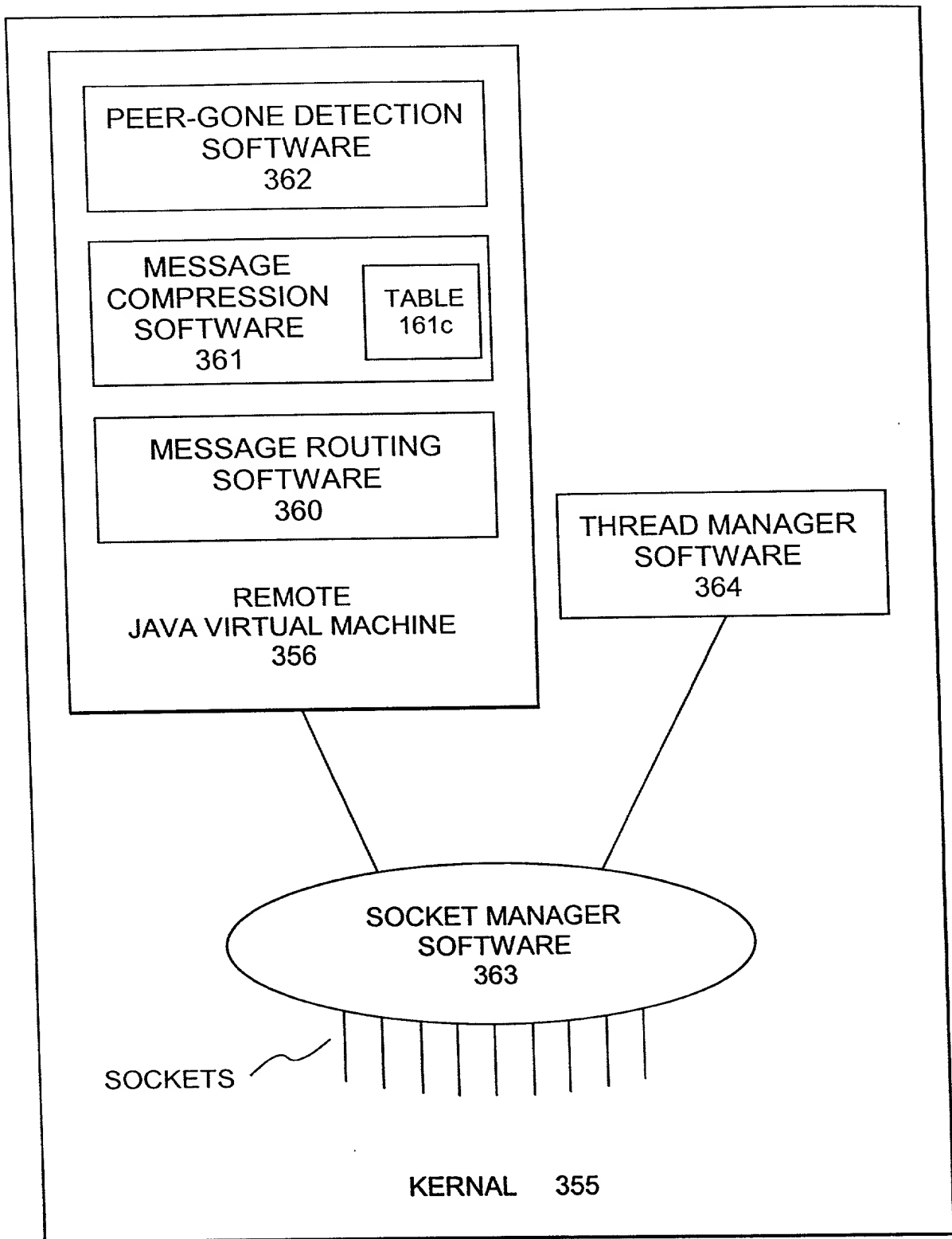


FIG. 3B

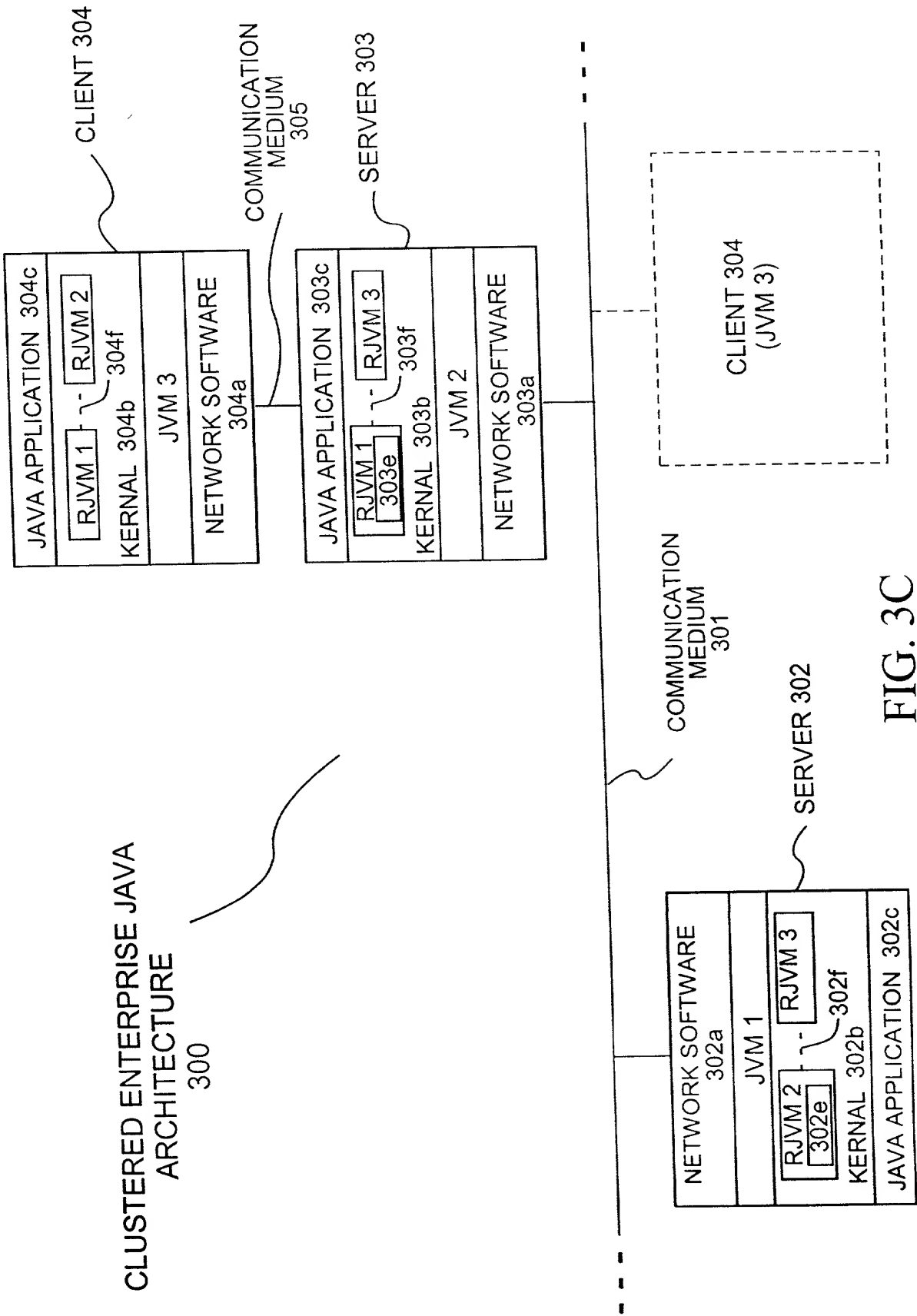


FIG. 3C

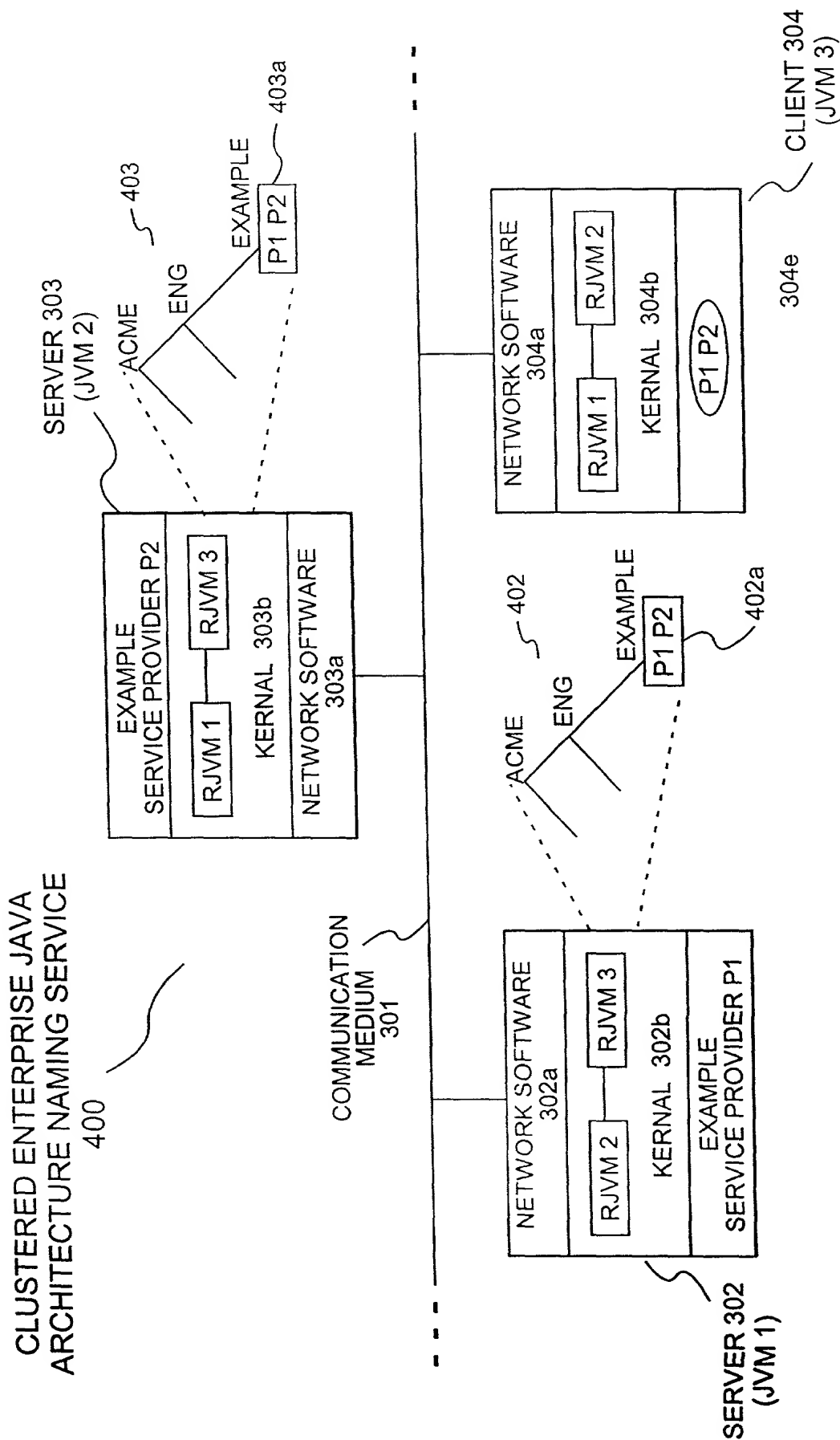


FIG. 4



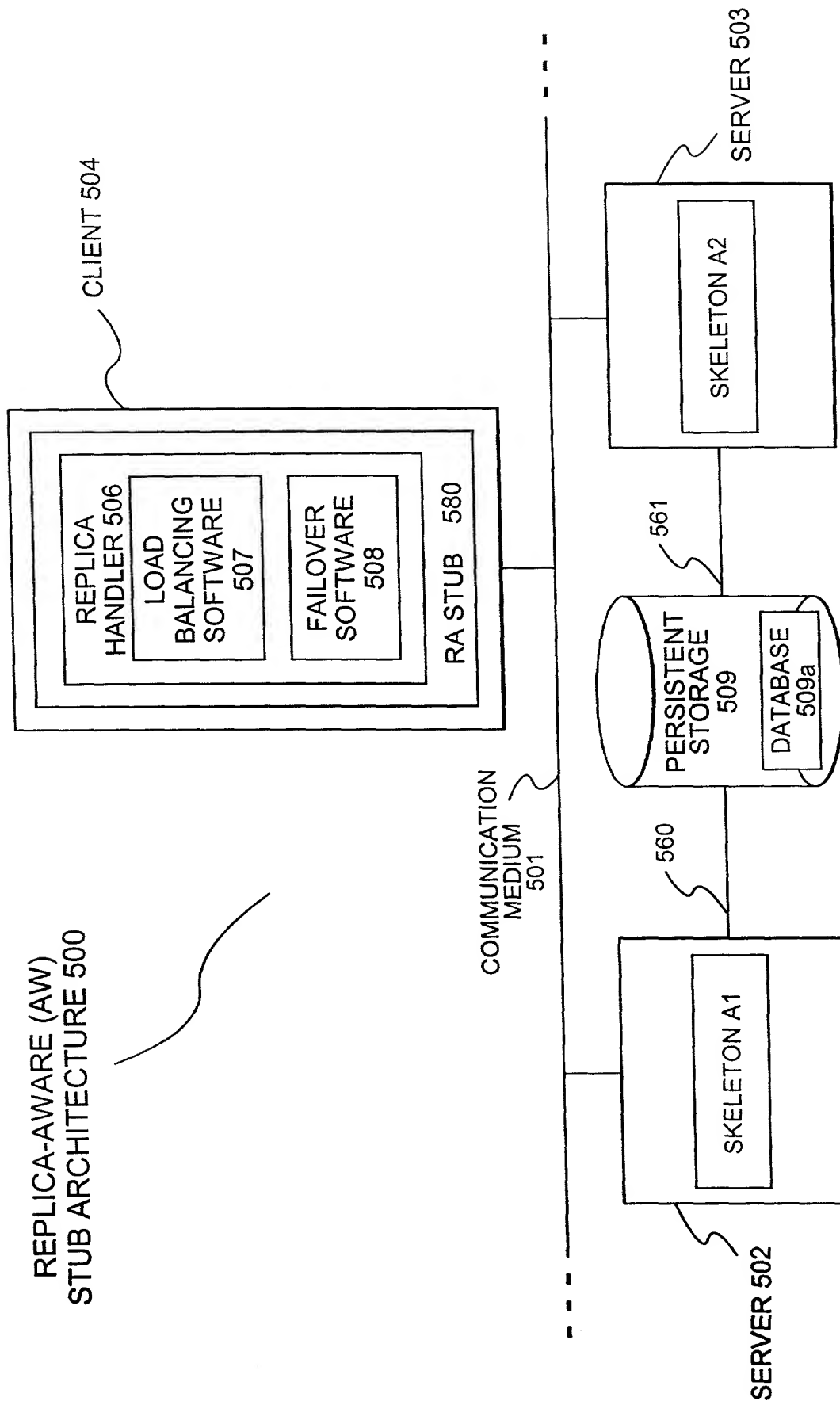


FIG. 5A

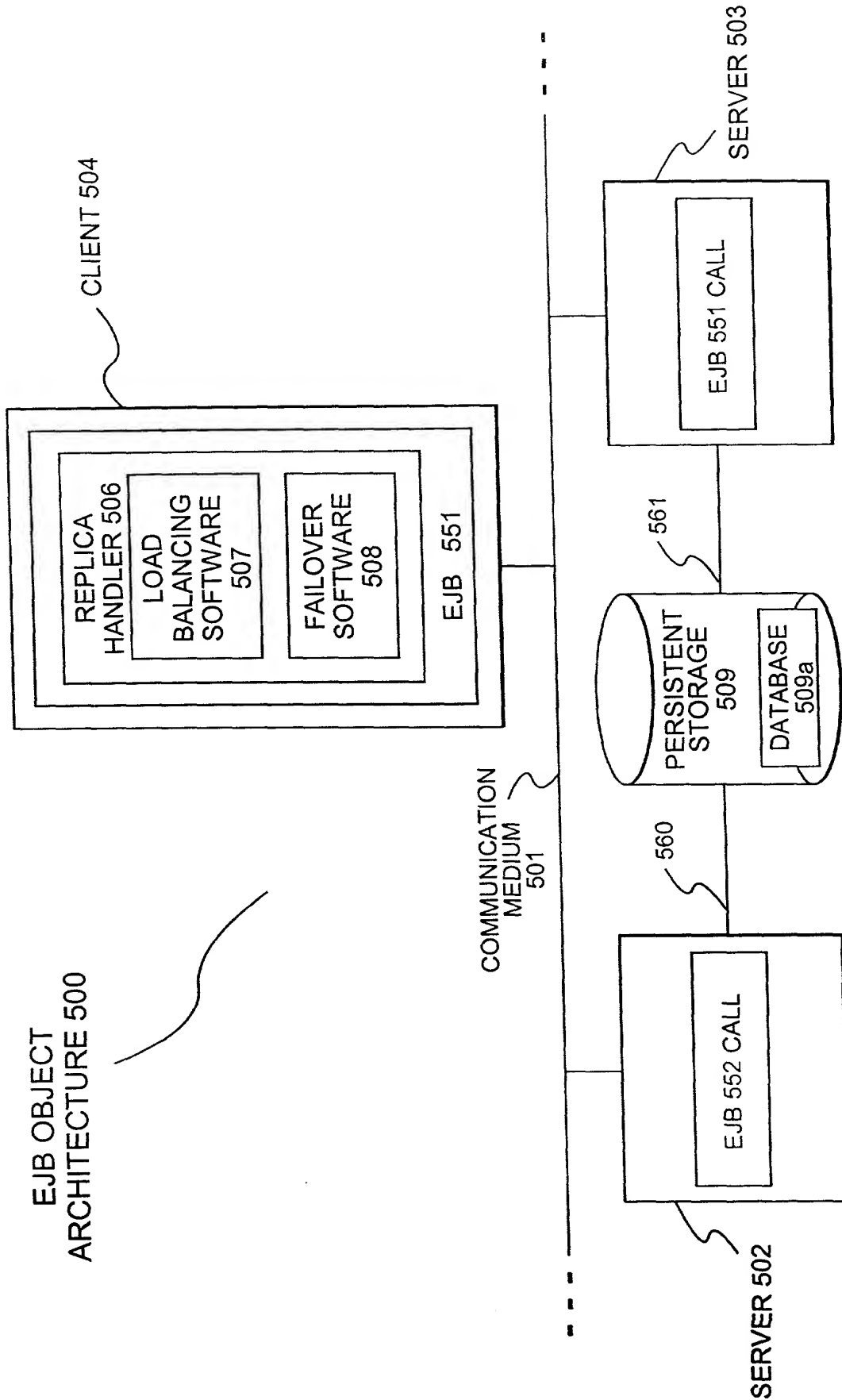
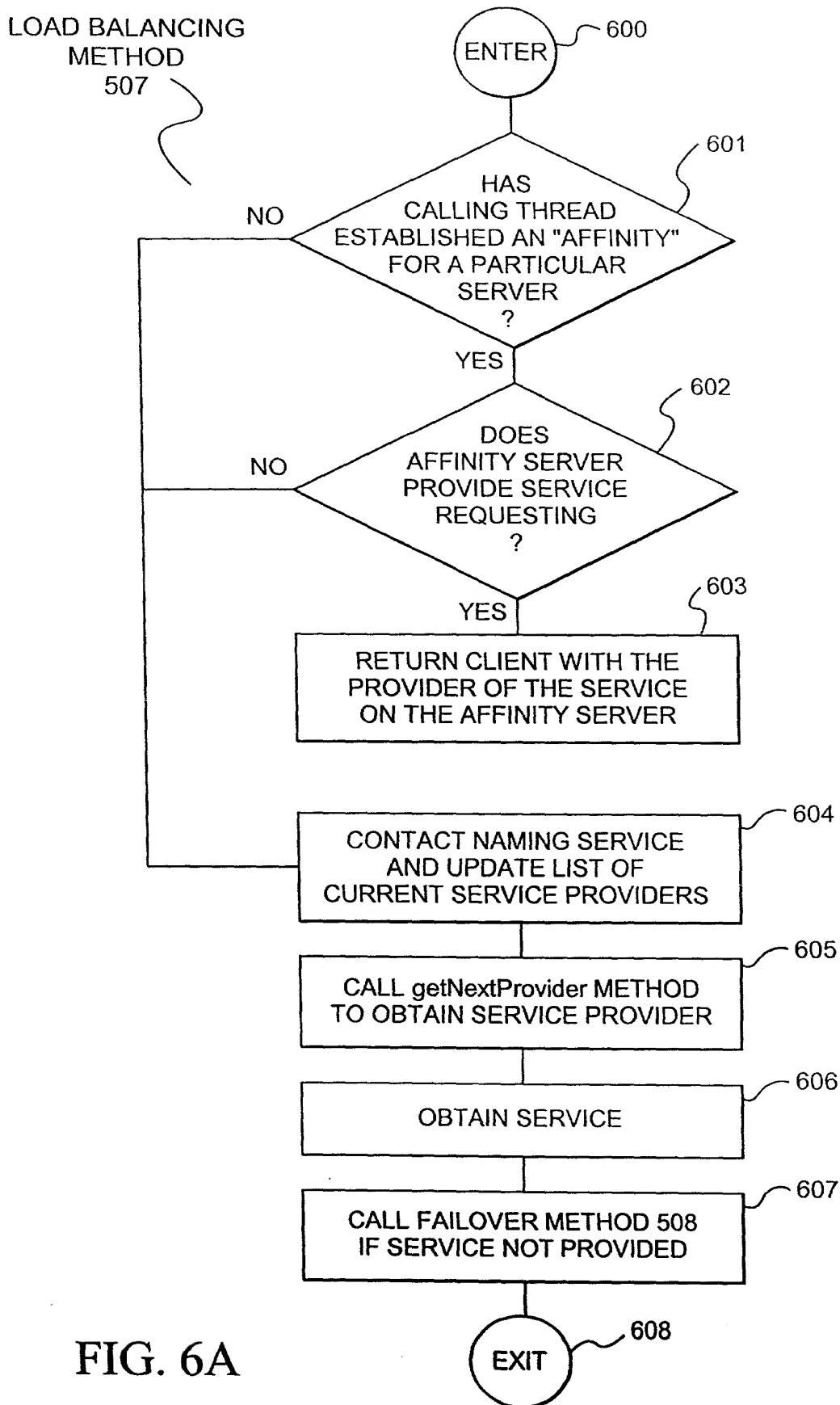


FIG. 5B



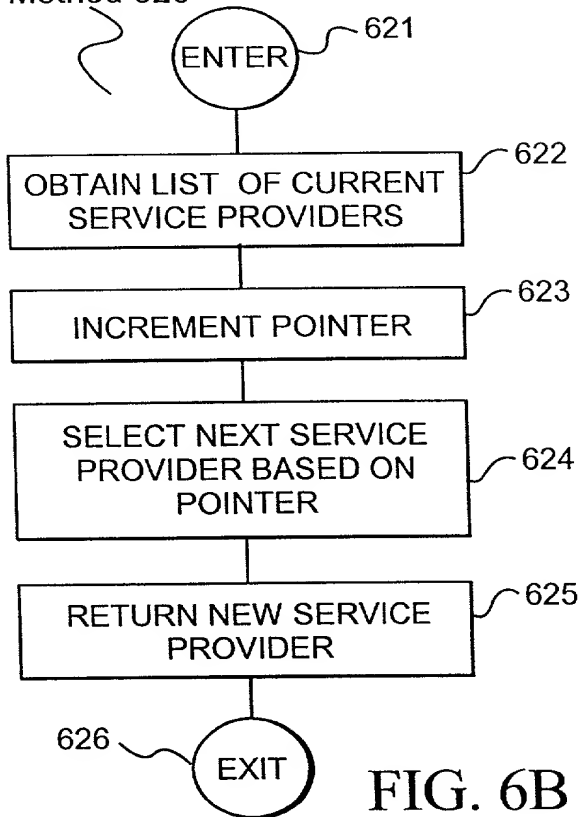
getNextProvider  
Method 620

FIG. 6B

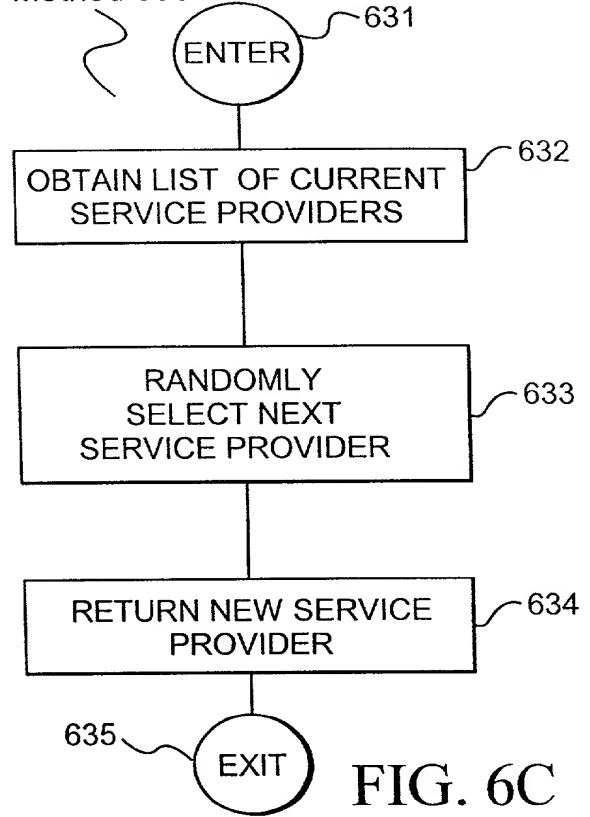
getNextProvider  
Method 630

FIG. 6C

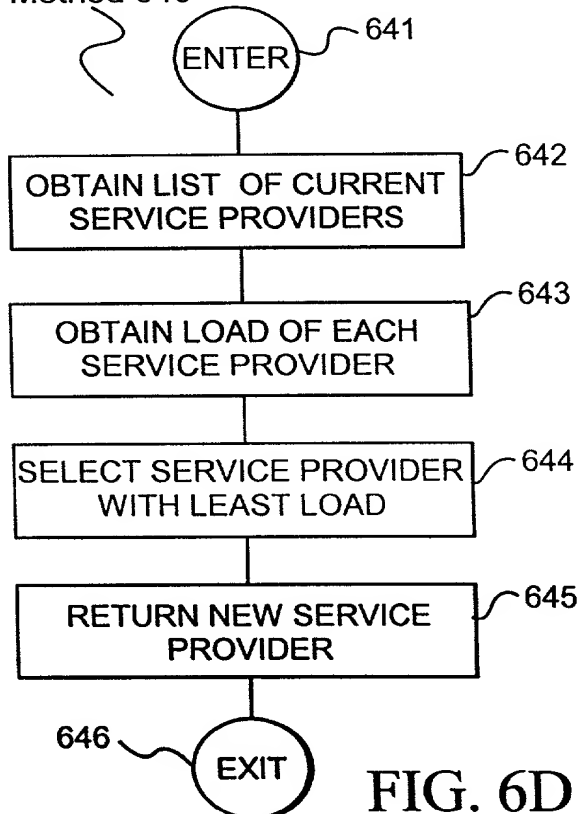
getNextProvider  
Method 640

FIG. 6D

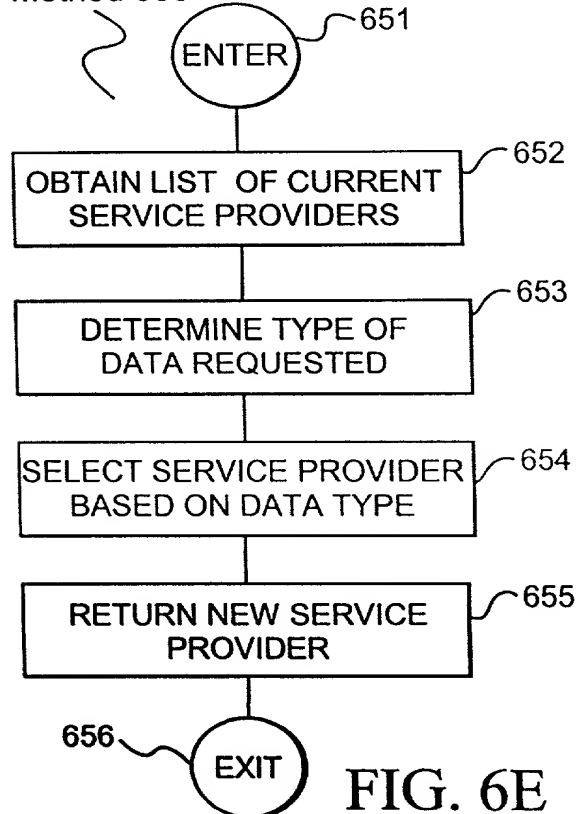
getNextProvider  
Method 650

FIG. 6E

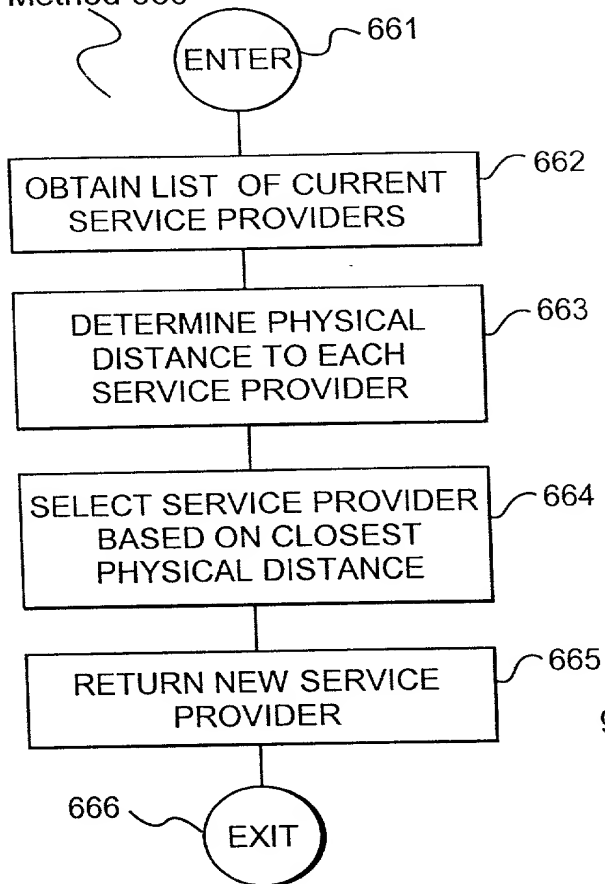
getNextProvider  
Method 660

FIG. 6F

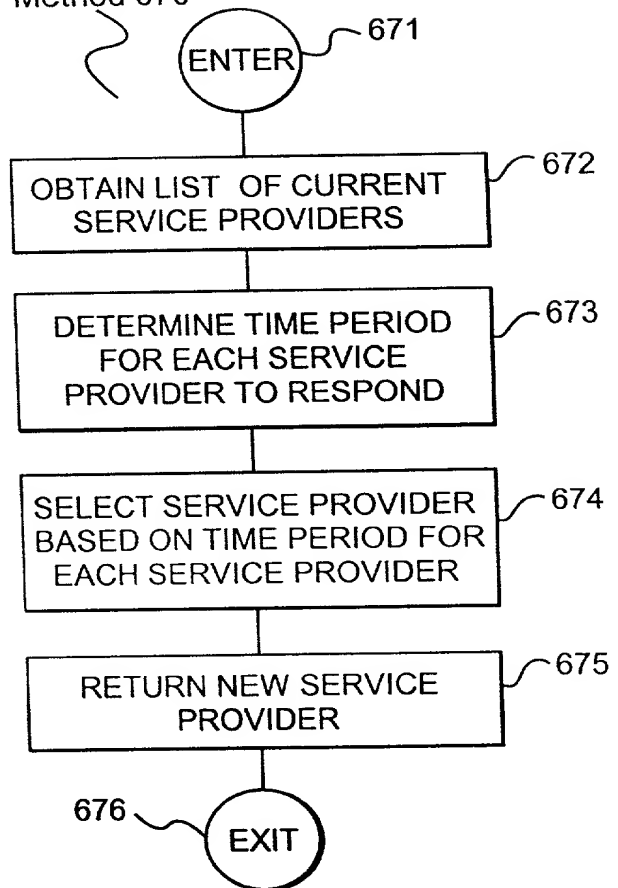
getNextProvider  
Method 670

FIG. 6G

FAILOVER  
METHOD 508

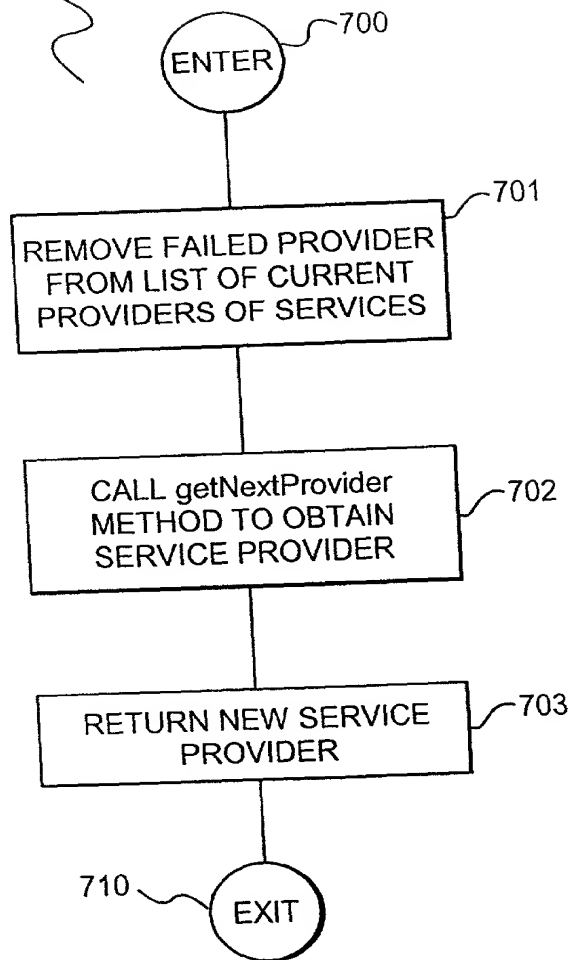


FIG. 7

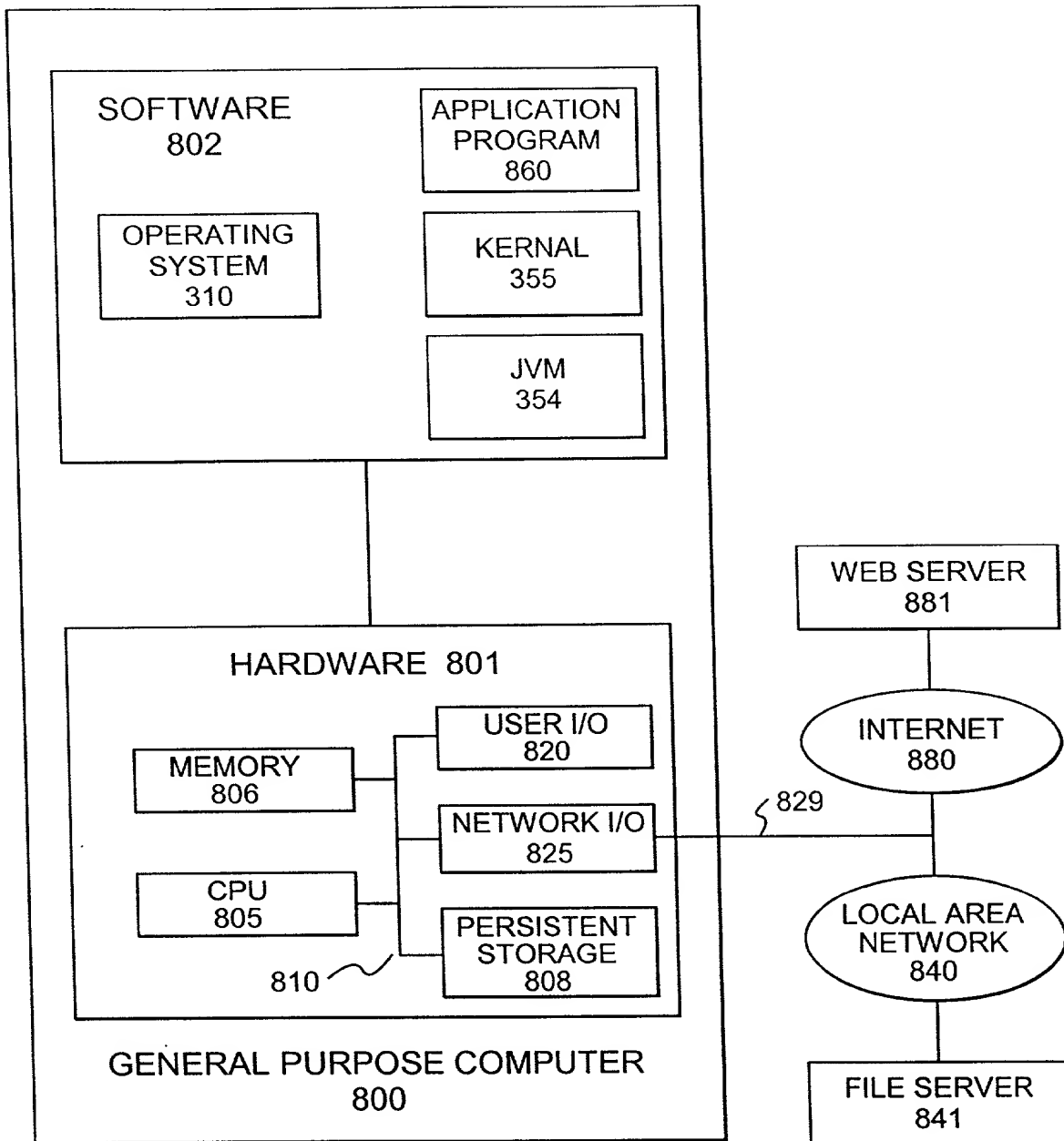


FIG. 8